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DUMP TRUCK PRODUCTION IN THE USSR

ADAPT TRUCKS TO CONSTRUCTION WORK -- Minsk, Sovetskaya Belorussiya, 5 Mar 53

A group of designers at the Minsk Automobile Plant are adapting the MAZ-205 dump truck to working conditions in the Main Turkmen Canal region. All control instruments on the truck are being made air tight and seals are being improved to keep out sand and dust.

The plant is working on a condenser to return escaping water vapor to the radiator, for work on the desert, where suitable water is not available. Trucks are painted light colors for work on the desert, and seats are upholstered in heat resistant materials. Ventilation will be provided for the drivers' comfort.

The plant is increasing the output of the 25-ton MAZ-525 dump trucks. These trucks are built for work with 4-6 cubic meter excavators, and are four times as productive as a standard 6-ton MAZ-205 dump truck. Fuel economy per ton-kilometer of earth hauled is 18-20 percent, as compared with that of the smaller truck, and labor productivity of the truck and excavator operators increases to 200-250 percent when the 25-ton dump truck is used.

Three-cubic-meter excavators are widely used at the construction projects, and require 8-8.5 ton trucks for unloading. Plant designers are developing a new type of MAZ-205 dump truck of 8-8.5 ton capacity and a MAZ-200 truck with a capacity of 9 tons.

The MAZ-525-D tractor truck for pulling a 15-cubic-meter scraper is being tested at the site of the Volga-Ural Canal. The scraper bucket cuts 300 millimeters into the earth and removes up to 15 cubic meters of earth at a time.

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The plant has produced the first consignment of MAZ-5208 multi-wheel trailers for extra-heavy freight. The trailer has 24 wheels, eight in each row. It is designed for carrying heavy equipment that cannot be disassembled, such as excavators. Designer Sirotkin is working on plans for the 40-ton MAZ-5210 trailer with a body that tips to the sides. This trailer is designed for quarry work in conjunction with large excavators.

The plant has filled first quarter 1953 orders for MAZ-205 dump trucks for Kuybyshevgidrostroy and Stalingradgidrostroy ahead of schedule. Trucks are also being shipped to the Main Turkmen Canal project ahead of schedule. -- G. M. Kokin, chief designer, Minsk Automobile Plant

Moscow, 19 Mar 53

The Minsk Automobile Plant has fulfilled ahead of schedule the first quarter 1953 plan for supplying trucks to the construction projects.

In the past year, plant designers have made more than 50 improvements in the MAZ-205 truck, in accordance with the suggestions made by workers at the construction projects. A new design radiator permits the use of salty water, a factor which is important in work on steppes and deserts. Moreover, the new design saves up to 10 kilograms of brass for each radiator.

The first models of dump trucks with bucket-type tipping bodies have been built. These trucks are built for heavy duty work in quarries.

Moscow, Komsomol'skaya Pravda, 12 May 53

The four-wheel MAZ-200 is the smallest heavy truck put out by the Minsk Automobile Plant. It carries a pay load of 7 tons on paved roads and up to 5 tons on dirt roads. This truck is powered by a 110-horsepower, two-cycle diesel engine. There are also four models of six-wheel trucks that make wide use of units and parts of the MAZ-200 truck. These heavy duty, six-wheel trucks are powered by 165- and 200-horsepower diesel engines. Among these trucks is the 12-ton YaAZ-210 truck.

Dump trucks produced by USSR plants include the 5-ton, four-wheel MAZ-205; the 10-ton, six-wheel YaAZ-210Ye; and the 25-ton, four-wheel MAZ-525.

Reducing the weight of the YaAZ-200 truck by 10 percent would increase its pay load from 7 to 8 tons.

Among the trucks planned for the near future is a 15-ton, four-wheel dump truck to replace the 10-ton YaAZ-210Ye in certain types of work. Another truck planned is a 45-ton, six-wheel dump truck to work in conjunction with excavators which have a capacity of 20-30 cubic meters.

The Minsk Automobile Plant is now testing a tractor truck based on the MAZ-525 dump truck. Work is proceeding on a super heavy truck train with self-unloading semitrailers. Such a train would have a capacity of 40 tons of earth.

BUILD 10-TON DUMP TRUCKS -- Tallin, Sovetskaya Estoniya, 20 Feb 53

The Yaroslavl' Automobile Plant has fulfilled its first quarter plan for YaAZ-210-Ye 10-ton dump trucks. The plant will build twice as many of these trucks in 1953 as it did in 1952.

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The plant is now assembling dump trucks for the Kuybyshevskaya and Stalingradskaya GES projects.

Moscow, Izvestiya, 14 Apr 53

The Yaroslavl' Automobile Plant has shipped a consignment of dump trucks to Stalingradgidrostroy ahead of schedule.

ASSEMBLES DUMP TRUCKS -- Yerevan, Komsomol, 15 Apr 53

The Odessa Automobile Assembly Plant is assembling dump trucks on a conveyor.

Vil'nyus, Sovetskaya Litva, 26 Apr 53

The Odessa Automobile Assembly Plant, which took first place in competition among automobile and tractor industry enterprises, is increasing its output of dump trucks from year to year.

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